



Mapped, edited, and published by the Geological Survey
Base by National Oceanic and Atmospheric Administration,
National Ocean Service, Additional topography and
enhancements in some locations by Florida Department of
Environment Protection, Florida Marine Research Institute,
Projection and 10 000-meter grid lines
Universal Transverse Mercator zone 17
North American Datum of 1983

UTM GRID AND 1995 MAGNETIC
DECLINATION AT CENTER OF SHEET

SCALE 1:150 000
15 MILES
30 KILOMETERS
CONTOUR INTERVAL 5 ppt SALINITY



Salinity data collected by R. Halley of
the U.S. Geological Survey between
23-27 January 1995. Data provided
by the National Park Service, Everglades
National Park was collected at monitoring
stations between 23-27 January 1995.
Data provided by South Florida Water
Management District was collected by the
Southeast Environmental Research Program
of Florida International University on
25 January 1995.
Salinity is calculated using Unesco
algorithms from conductivity and
temperature field measurements.
Contours are based on interpolation and
trends within the data set,
developed and smoothed using
contouring software.
This map has not been reviewed for
conformity with U.S. Geological Survey
editorial standards.

FLORIDA BAY SURFACE SALINITIES

January 1995

By

Robert Halley,¹ Dewitt Smith,² and Mark Hansen¹

1995



¹ Center for Coastal Geology and
Regional Marine Studies
U.S. Geological Survey
St. Petersburg, FL

² South Florida Natural Resources Center
Everglades National Park
Homestead, FL